SCORE Search Results Details for Application 10529592 and Search Result 20090427_122937_us-10-529-592a-1.rnpbm.

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This page gives you Search Results detail for the Application 10529592 and Search Result 20090427_122937_us-10-529-592a-1.rnpbm.

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OM nucleic - nucleic search, using sw model

Run on: April 28, 2009, 04:35:23 ; Search time 5611 Seconds
(without alignments)
4530.506 Million cell updates/sec

Title: US-10-529-592A-1
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 41078765 seqs, 14427166270 residues

Total number of hits satisfying chosen parameters: 82157530

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	881	100.0	881	16	US-10-529-592-1	Sequence 1, Appli
2	827	93.9	893	16	US-10-529-592-3	Sequence 3, Appli
3	827	93.9	908	28	US-11-443-428A-91955	Sequence 91955, A
4	809.8	91.9	972	28	US-11-443-428A-91957	Sequence 91957, A
c 5	694.2	78.8	963	19	US-10-302-689A-104480	Sequence 104480,
6	694.2	78.8	1237	28	US-11-443-428A-91954	Sequence 91954, A
7	694.2	78.8	1239	27	US-11-433-832-45208	Sequence 45208, A
8	694.2	78.8	1408	28	US-11-443-428A-91956	Sequence 91956, A
9	677.2	76.9	995	28	US-11-443-428A-91958	Sequence 91958, A
c 10	611	69.4	614	8	US-10-172-118-2531	Sequence 2531, Ap
c 11	611	69.4	614	9	US-10-342-887-2531	Sequence 2531, Ap
12	584	66.3	601	19	US-10-302-689A-6733	Sequence 6733, Ap
13	584	66.3	601	19	US-10-302-689A-48447	Sequence 48447, A
14	433	49.1	447	33	US-11-996-839-168	Sequence 168, App
15	367	41.7	574	3	US-09-954-456-566	Sequence 566, App
16	367	41.7	574	11	US-10-843-641A-3593	Sequence 3593, Ap
17	367	41.7	574	31	US-11-881-252-3593	Sequence 3593, Ap
18	246.4	28.0	266	28	US-11-443-428A-725084	Sequence 725084,
19	193	21.9	195	25	US-11-371-354-2318	Sequence 2318, Ap
20	193	21.9	195	25	US-11-371-354-8104	Sequence 8104, Ap
21	193	21.9	195	25	US-11-371-354-69026	Sequence 69026, A
22	147.2	16.7	550	8	US-10-029-386-10605	Sequence 10605, A
23	145	16.5	2300	29	US-11-636-385-16685	Sequence 16685, A
24	144	16.3	170	8	US-10-029-386-24305	Sequence 24305, A
25	105.4	12.0	2721	7	US-10-000-256A-15	Sequence 15, Appl
c 26	75.4	8.6	763	10	US-10-363-345A-13765	Sequence 13765, A
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	30	64	7.3	64	25	US-11-511-035-11872	Sequence 11872, A
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	32	64	7.3	64	25	US-11-511-035-97916	Sequence 97916, A
	33	49.8	5.7	2000	5	US-09-887-272A-5263	Sequence 5263, Ap
	34	49.2	5.6	2441	15	US-10-449-902-13397	Sequence 13397, A
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c	45	48	5.4	573	4	US-09-925-065A-489707	Sequence 489707,

ALIGNMENTS

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RESULT 1
US-10-529-592-1
; Sequence 1, Application US/10529592
; Publication No. US20060270619A1
; GENERAL INFORMATION:
;  APPLICANT: Nakamura, Yusuke
;  APPLICANT:  Katagiri, Toyomasa
;  APPLICANT:  Oncotherapy Science, Inc.
;  APPLICANT:  The University of Tokyo
;  TITLE OF INVENTION: GENES AND POLYPEPTIDES RELATING TO HUMAN
;  TITLE OF INVENTION:  PANCREATIC CANCERS
;  FILE REFERENCE: 082368-003610US
;  CURRENT APPLICATION NUMBER: US/10/529,592
;  CURRENT FILING DATE:  2005-03-29
;  PRIOR APPLICATION NUMBER: PCT/JP2003/011713
;  PRIOR FILING DATE: 2003-09-12
;  PRIOR APPLICATION NUMBER: US 60/414,872
;  PRIOR FILING DATE: 2002-09-30
;  PRIOR APPLICATION NUMBER: US 60/450,889
;  PRIOR FILING DATE: 2003-02-28
;  NUMBER OF SEQ ID NOS: 28
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
;   LENGTH: 881
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (163)...(390)
US-10-529-592-1

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  Best Local Similarity   100.0%;  Pred. No. 1.4e-243;
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Db        661 TGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCCCAG 720

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RESULT 2
US-10-529-592-3
; Sequence 3, Application US/10529592
; Publication No. US20060270619A1
; GENERAL INFORMATION:
;  APPLICANT: Nakamura, Yusuke
;  APPLICANT:  Katagiri, Toyomasa
;  APPLICANT:  Oncotherapy Science, Inc.
;  APPLICANT:  The University of Tokyo
;  TITLE OF INVENTION: GENES AND POLYPEPTIDES RELATING TO HUMAN
;  TITLE OF INVENTION:  PANCREATIC CANCERS
;  FILE REFERENCE: 082368-003610US
;  CURRENT APPLICATION NUMBER: US/10/529,592
;  CURRENT FILING DATE:  2005-03-29
;  PRIOR APPLICATION NUMBER: PCT/JP2003/011713
;  PRIOR FILING DATE: 2003-09-12
;  PRIOR APPLICATION NUMBER: US 60/414,872
;  PRIOR FILING DATE: 2002-09-30
;  PRIOR APPLICATION NUMBER: US 60/450,889
;  PRIOR FILING DATE: 2003-02-28
;  NUMBER OF SEQ ID NOS: 28
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
;   LENGTH: 893
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (197)...(256)
US-10-529-592-3

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Db        613 GACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCGCCA 672

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RESULT 3
US-11-443-428A-91955
; Sequence 91955, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
;  APPLICANT: Mintz, Liat
;  APPLICANT:  Xie, Hanqing
;  APPLICANT:  Dahari, Dvir
;  APPLICANT:  Levanon, Erez
;  APPLICANT:  Freilich, Shiri
;  APPLICANT:  Beck, Nili
;  APPLICANT:  Zhu, Wei-Yong
;  APPLICANT:  Wasserman, Alon
;  APPLICANT:  Hermesh, Chen
```

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;  APPLICANT:  Azar, Idit
;  APPLICANT:  Bernstein, Jeanne
;  TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
;  FILE REFERENCE: 02/23929
;  CURRENT APPLICATION NUMBER: US/11/443,428A
;  CURRENT FILING DATE:  2006-05-31
;  NUMBER OF SEQ ID NOS: 1034312
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91955
;   LENGTH: 908
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-11-443-428A-91955

  Query Match             93.9%;  Score 827;  DB 28;  Length 908;
  Best Local Similarity   97.5%;  Pred. No. 6.2e-228;
  Matches  859;  Conservative    0;  Mismatches    0;  Indels   22;  Gaps    1;

Qy          1 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 60
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Db         47 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 106

Qy         61 CGCCGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGC 120
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Db        167 AGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCC 226

Qy        181 TGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAGGCCCCC 240
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Qy        301 GGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCGTGC 360
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Db        325 GGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCGTGC 384

Qy        361 CCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGCTGG 420
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Db        385 CCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGCTGG 444

Qy        421 CTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGTGTG 480
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        445 CTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGTGTG 504

Qy        481 CTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGCAGG 540
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        505 CTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGCAGG 564

Qy        541 ACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGAGTG 600
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        565 ACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGAGTG 624
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Qy        601 GACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCGCCA 660
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        625 GACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCGCCA 684

Qy        661 TGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCCCAG 720
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        685 TGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCCCAG 744

Qy        721 CCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGCAGG 780
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        745 CCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGCAGG 804

Qy        781 TGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGATTT 840
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        805 TGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGATTT 864

Qy        841 ATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
              |||||||||||||||||||||||||||||||||||||||||
Db        865 ATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 905
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RESULT 4
US-11-443-428A-91957
; Sequence 91957, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanqing
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91957
;   LENGTH: 972
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-11-443-428A-91957

  Query Match   91.9%; Score 809.8; DB 28; Length 972;
  Best Local Similarity   94.1%; Pred. No. 6e-223;
  Matches 869; Conservative   0; Mismatches   12; Indels   42; Gaps   1;

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Qy          1 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         47 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 106
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Qy          61 CGCCGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGC 120
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         107 CGCCGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGC 166

Qy         121 AGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCC 180
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         167 AGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCC 226

Qy         181 TGCCTGAAAG------------------------------------------GCTTTCAA 198
               ||||||||||                                          |||   |
Db         227 TGCCTGAAAGACGCCGGTTTTCATCTGTGATGCGGGGACAGCTGCGCTCCTTGCTGCGAG 286

Qy         199 ATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAGGCCCCCGTCCTGAACGACAAGCAC 258
                 ||  |    ||||||||||||||||||||||||||||||||||||||||||||||||
Db         287 GCGTCAGGACCCAGCAGCAGCAGCAGCCACGACGAGGCCCCCGTCCTGAACGACAAGCAC 346

Qy         259 CTGGACGTGCCCGACATCATCATCACGCCCCCCACCCCCACGGGCATGATGCTGCCGAGG 318
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         347 CTGGACGTGCCCGACATCATCATCACGCCCCCCACCCCCACGGGCATGATGCTGCCGAGG 406

Qy         319 GACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCGTGCCCAGATGATGGAGAAATC 378
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         407 GACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCGTGCCCAGATGATGGAGAAATC 466

Qy         379 GACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCC 438
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         467 GACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCC 526

Qy         439 GGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGG 498
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         527 GGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGG 586

Qy         499 AACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGC 558
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         587 AACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGC 646

Qy         559 CTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACC 618
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         647 CTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACC 706

Qy         619 TCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGG 678
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         707 TCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGG 766

Qy         679 TCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAA 738
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         767 TCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAA 826

Qy         739 CACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTA 798
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         827 CACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTA 886

Qy         799 TAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCAT 858
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         887 TAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCAT 946
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Qy        859 TATAAATAAAGATCCTCTGTAAC 881
              |||||||||||||||||||||||
Db        947 TATAAATAAAGATCCTCTGTAAC 969


RESULT 5
US-10-302-689A-104480/c
; Sequence 104480, Application US/10302689A
; Publication No. US20080050393A1
; GENERAL INFORMATION:
;  APPLICANT: Tang, Y. Tom
;  APPLICANT:  Asundi, Vinod
;  APPLICANT:  Ballinger, Dennis
;  APPLICANT:  Labat, Ivan
;  APPLICANT:  Leshkowitz, Dena
;  APPLICANT:  Liu, Jin
;  APPLICANT:  Loeb, Deborah
;  APPLICANT:  Montgomery, Julia, R.
;  APPLICANT:  Pace, Ann M.
;  APPLICANT:  Sheridan, James P.
;  APPLICANT:  Drmanac, Radoje T.
;  TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
;  FILE REFERENCE: 502CIP
;  CURRENT APPLICATION NUMBER: US/10/302,689A
;  CURRENT FILING DATE:  2002-11-22
;  PRIOR APPLICATION NUMBER: 10/273,573
;  PRIOR FILING DATE: 2002-10-18
;  PRIOR APPLICATION NUMBER: 10/084,643
;  PRIOR FILING DATE: 2002-02-26
;  PRIOR APPLICATION NUMBER: 09/989,660
;  PRIOR FILING DATE: 2001-11-21
;  PRIOR APPLICATION NUMBER: 10/014,487
;  PRIOR FILING DATE: 2001-11-08
;  PRIOR APPLICATION NUMBER: 09/952,981
;  PRIOR FILING DATE: 2001-09-14
;  PRIOR APPLICATION NUMBER: 09/922,279
;  PRIOR FILING DATE: 2001-08-03
;  PRIOR APPLICATION NUMBER: 09/905,059
;  PRIOR FILING DATE: 2001-07-12
;  PRIOR APPLICATION NUMBER: 09/898,888
;  PRIOR FILING DATE: 2001-07-03
;  PRIOR APPLICATION NUMBER: 09/919,002
;  PRIOR FILING DATE: 2001-07-30
;  PRIOR APPLICATION NUMBER: 09/770,160
;  PRIOR FILING DATE: 2001-01-26
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 158931
;  SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 104480
;   LENGTH: 963
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (1)...(963)
;   OTHER INFORMATION: n = a,t,c or g
US-10-302-689A-104480
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  Query Match             78.8%;  Score 694.2;  DB 19;  Length 963;
  Best Local Similarity   98.9%;  Pred. No. 1.7e-189;
  Matches  699;  Conservative    0;  Mismatches    8;  Indels    0;  Gaps    0;

Qy        175 ATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 234
              | | |  || |   ||||||||||||||||||||||||||||||||||||||||||||||
Db        715 ACGCCTGGCTTCTCAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 656

Qy        235 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 294
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        655 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 596

Qy        295 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 354
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        595 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 536

Qy        355 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 414
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        535 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 476

Qy        415 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 474
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        475 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 416

Qy        475 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 534
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        415 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 356

Qy        535 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 594
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        355 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 296

Qy        595 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 654
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        295 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 236

Qy        655 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 714
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        235 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 176

Qy        715 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 774
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        175 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 116

Qy        775 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 834
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        115 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 56

Qy        835 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
              ||||||||||||||||||||||||||||||||||||||||||||||
Db         55 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 9


RESULT 6
US-11-443-428A-91954
; Sequence 91954, Application US/11443428A
```

; Publication No. US20070083334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanqing
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez
; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91954
;   LENGTH: 1237
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-11-443-428A-91954

  Query Match   78.8%; Score 694.2; DB 28; Length 1237;
  Best Local Similarity   98.9%; Pred. No. 1.9e-189;
  Matches 699; Conservative   0; Mismatches   8; Indels   0; Gaps   0;

```
Qy        175 ATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 234
              | | |  || |   ||||||||||||||||||||||||||||||||||||||||||||||||||
Db        528 ACGCCTGGCTTCTCAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 587

Qy        235 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 294
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        588 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 647

Qy        295 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 354
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        648 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 707

Qy        355 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 414
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        708 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 767

Qy        415 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 474
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        768 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 827

Qy        475 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 534
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        828 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 887

Qy        535 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 594
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        888 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 947
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Qy        595 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 654
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        948 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 1007

Qy        655 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 714
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1008 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 1067

Qy        715 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 774
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1068 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 1127

Qy        775 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 834
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1128 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 1187

Qy        835 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
              |||||||||||||||||||||||||||||||||||||||||||||||
Db       1188 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 1234
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RESULT 7
US-11-433-832-45208
; Sequence 45208, Application US/11433832
; Publication No. US20070072175A1
; GENERAL INFORMATION:
; APPLICANT: Cooper, Matthew
; APPLICANT: Kinch, Deborah
; APPLICANT: Rosenberg, Michael
; APPLICANT: Subramaniam, S. Sai
; APPLICANT: Szak, Suzanne
; APPLICANT: Li, Huo
; APPLICANT: Bandaru, Raj
; APPLICANT: Derbel, Maher
; TITLE OF INVENTION: Nucleotide Array Containing Polynucleotide Probes Complementary to,
or
; TITLE OF INVENTION: Fragments of, Cynomolgus Monkey Genes and the Use Thereof
; FILE REFERENCE: 2159.0290002
; CURRENT APPLICATION NUMBER: US/11/433,832
; CURRENT FILING DATE: 2006-05-15
; NUMBER OF SEQ ID NOS: 48714
; SOFTWARE: Patent Sequence Analysis Tool Version 1.0
; SEQ ID NO 45208
;   LENGTH: 1239
;   TYPE: DNA
;   ORGANISM: Homo Sapiens
US-11-433-832-45208

  Query Match   78.8%; Score 694.2; DB 27; Length 1239;
  Best Local Similarity   98.9%; Pred. No. 1.9e-189;
  Matches 699; Conservative   0; Mismatches   8; Indels   0; Gaps   0;

```
Qy        175 ATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 234
              | | |  || |   ||||||||||||||||||||||||||||||||||||||||||||||
Db        528 ACGCCTGGCTTCTCAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 587

Qy        235 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 294
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                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         588 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 647

Qy         295 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 354
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         648 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 707

Qy         355 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 414
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         708 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 767

Qy         415 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 474
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         768 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 827

Qy         475 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 534
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         828 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 887

Qy         535 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 594
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         888 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 947

Qy         595 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 654
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         948 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 1007

Qy         655 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 714
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        1008 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 1067

Qy         715 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 774
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        1068 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 1127

Qy         775 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 834
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        1128 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 1187

Qy         835 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
                ||||||||||||||||||||||||||||||||||||||||||||||
Db        1188 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 1234
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RESULT 8
US-11-443-428A-91956
; Sequence 91956, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
;  APPLICANT: Mintz, Liat
;  APPLICANT:  Xie, Hanqing
;  APPLICANT:  Dahari, Dvir
;  APPLICANT:  Levanon, Erez
;  APPLICANT:  Freilich, Shiri
;  APPLICANT:  Beck, Nili
;  APPLICANT:  Zhu, Wei-Yong
;  APPLICANT:  Wasserman, Alon
```

; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91956
;   LENGTH: 1408
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-11-443-428A-91956

  Query Match   78.8%; Score 694.2; DB 28; Length 1408;
  Best Local Similarity   98.9%; Pred. No. 2e-189;
  Matches 699; Conservative   0; Mismatches   8; Indels   0; Gaps   0;

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Qy        175 ATGTCCTGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 234
              | | |  || |   ||||||||||||||||||||||||||||||||||||||||||||||||
Db        528 ACGCCTGGCTTCTCAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAG 587

Qy        235 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 294
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        588 GCCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACC 647

Qy        295 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 354
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        648 CCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGG 707

Qy        355 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 414
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        708 TCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCT 767

Qy        415 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 474
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        768 GGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCA 827

Qy        475 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 534
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        828 GGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGT 887

Qy        535 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 594
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        888 GGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGC 947

Qy        595 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 654
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        948 TGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGA 1007

Qy        655 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 714
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1008 GCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCC 1067

Qy        715 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 774
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db       1068 TCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCT 1127

Qy        775 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 834
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1128 TGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATG 1187

Qy        835 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
              |||||||||||||||||||||||||||||||||||||||||||||||
Db       1188 GGATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 1234


RESULT 9
US-11-443-428A-91958
; Sequence 91958, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
;  APPLICANT: Mintz, Liat
;  APPLICANT:  Xie, Hanqing
;  APPLICANT:  Dahari, Dvir
;  APPLICANT:  Levanon, Erez
;  APPLICANT:  Freilich, Shiri
;  APPLICANT:  Beck, Nili
;  APPLICANT:  Zhu, Wei-Yong
;  APPLICANT:  Wasserman, Alon
;  APPLICANT:  Hermesh, Chen
;  APPLICANT:  Azar, Idit
;  APPLICANT:  Bernstein, Jeanne
;  TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
;  FILE REFERENCE: 02/23929
;  CURRENT APPLICATION NUMBER: US/11/443,428A
;  CURRENT FILING DATE:  2006-05-31
;  NUMBER OF SEQ ID NOS: 1034312
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 91958
;   LENGTH: 995
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-11-443-428A-91958

  Query Match             76.9%;  Score 677.2;  DB 28;  Length 995;
  Best Local Similarity   85.9%;  Pred. No. 1.4e-184;
  Matches  813;  Conservative    0;  Mismatches   68;  Indels   65;  Gaps    3;

Qy          1 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         47 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 106

Qy         61 CGCCGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGC 120
              ||||||||||||||  | | | | | || |   ||| || | |||   || ||    |
Db        107 CGCCGCCGCCACCACCCACCGAGTCGGCGCCGTGGTCGGGCCCTTCGACAGCCGCCGTTC 166

Qy        121 ------------------------------------------------------AGTG 124
                                                                   || |
Db        167 GGGGGCGCGGGGCATCCCGGCCAAGGTGTTGAGGTCCCCACCCAAACCCCAAAAAAAGGG 226

Qy        125 AGCCCACCAAGAAGGAAGCGGCCTGCAGAG---GTGCCGACATGGGGCTTAAGATGTCCT 181
               ||| || || | ||  | ||     || |   | |    | | ||||  | || |
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Db        227 GGCCAACAAAAACGGGGGGGGAAAAAAGGGGCCGGGGGCCCCTTGGGCCAAGGAGGGGTG 286

Qy        182 GCCTGAAAGGCTTTCAAATG------TGTGTCAGCAGCAGCAGCAGCAGCCACGACGAGG 235
              ||| || | |    |  | |      ||  |    ||||||||||||||||||||||||
Db        287 GCCCGAGATGGGGGCTTAAGATGTCCTGCCTGGAAAGCAGCAGCAGCAGCCACGACGAGG 346

Qy        236 CCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACCC 295
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        347 CCCCCGTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACCC 406

Qy        296 CCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGT 355
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        407 CCACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGT 466

Qy        356 CGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTG 415
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        467 CGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTG 526

Qy        416 GCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAG 475
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        527 GCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAG 586

Qy        476 GTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTG 535
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        587 GTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTG 646

Qy        536 GCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCT 595
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        647 GCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCT 706

Qy        596 GAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAG 655
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        707 GAGTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAG 766

Qy        656 CGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCT 715
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        767 CGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCT 826

Qy        716 CCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTT 775
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        827 CCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTT 886

Qy        776 GCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGG 835
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        887 GCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGG 946

Qy        836 GATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
              ||||||||||||||||||||||||||||||||||||||||||||||
Db        947 GATTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 992


RESULT 10
US-10-172-118-2531/c
; Sequence 2531, Application US/10172118
; Publication No. US20030224374A1
; GENERAL INFORMATION:
;  APPLICANT: Dai, Hongyue
```

; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Chris
; APPLICANT: Van 't Veer, Laura
; APPLICANT: Van de Vijver, Marc
; APPLICANT: Bernards, Rene
; TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
; FILE REFERENCE: 9301-175-999
; CURRENT APPLICATION NUMBER: US/10/172,118
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 60/380,770
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 2531
;   LENGTH: 614
;   TYPE: DNA
;   ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
;   DATABASE ACCESSION NUMBER: Contig53296
;   DATABASE ENTRY DATE: 2001-06-18
US-10-172-118-2531

  Query Match   69.4%; Score 611; DB 8; Length 614;
  Best Local Similarity   100.0%; Pred. No. 1.7e-165;
  Matches 611; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

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Qy        271 GACATCATCATCACGCCCCCCACCCCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGC 330
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        614 GACATCATCATCACGCCCCCCACCCCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGC 555

Qy        331 ACAGTCTGGCTGGATGAGACAGGGTCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCC 390
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        554 ACAGTCTGGCTGGATGAGACAGGGTCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCC 495

Qy        391 TGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGT 450
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        494 TGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGT 435

Qy        451 CCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAAC 510
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        434 CCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAAC 375

Qy        511 CCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCC 570
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        374 CCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCC 315

Qy        571 AGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTG 630
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        314 AGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTG 255

Qy        631 CTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAG 690
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        254 CTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAG 195

Qy        691 GCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTG 750
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db        194 GCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTG 135

Qy        751 CCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTA 810
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        134 CCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTA 75

Qy        811 CAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCATTATAAATAAAGA 870
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         74 CAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCATTATAAATAAAGA 15

Qy        871 TCCTCTGTAAC 881
              ||||||||||||
Db         14 TCCTCTGTAAC 4


RESULT 11
US-10-342-887-2531/c
; Sequence 2531, Application US/10342887
; Publication No. US20040058340A1
; GENERAL INFORMATION:
;  APPLICANT: Dai, Hongyue
;  APPLICANT:  He, Yudong
;  APPLICANT:  Linsley, Peter S.
;  APPLICANT:  Mao, Mao
;  APPLICANT:  Roberts, Christopher J.
;  APPLICANT:  Van 't Veer, Laura Johanna
;  APPLICANT:  Van de Vijver, Marc J.
;  APPLICANT:  Bernards, Rene
;  TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
;  FILE REFERENCE: 9301-188-999
;  CURRENT APPLICATION NUMBER: US/10/342,887
;  CURRENT FILING DATE:  2003-01-15
;  PRIOR APPLICATION NUMBER: 60/298,918
;  PRIOR FILING DATE: 2001-06-18
;  PRIOR APPLICATION NUMBER: 60/380,710
;  PRIOR FILING DATE: 2002-05-14
;  PRIOR APPLICATION NUMBER: 10/172,118
;  PRIOR FILING DATE: 2002-06-14
;  NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 2531
;   LENGTH: 614
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-342-887-2531

  Query Match             69.4%;  Score 611;  DB 9;  Length 614;
  Best Local Similarity   100.0%;  Pred. No. 1.7e-165;
  Matches  611;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        271 GACATCATCATCACGCCCCCCACCCCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGC 330
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        614 GACATCATCATCACGCCCCCCACCCCCACGGGCATGATGCTGCCGAGGGACTTGGGGAGC 555

Qy        331 ACAGTCTGGCTGGATGAGACAGGGTCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCC 390
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        554 ACAGTCTGGCTGGATGAGACAGGGTCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCC 495
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Qy        391 TGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGT 450
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        494 TGAGGAGGTGTCCTGGGTTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGT 435

Qy        451 CCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAAC 510
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        434 CCGGGGGCGTGGCTGCCTGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAAC 375

Qy        511 CCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCC 570
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        374 CCGGGCCTCCGCTCAGAGAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCC 315

Qy        571 AGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTG 630
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        314 AGAACAGTGTTTCCCAGGCCCCGCTGAGTGGACCGGACCTCTGACACCTCCAGGTTCTTG 255

Qy        631 CTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAG 690
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        254 CTGACTCCGGCCTGGTGAAAGGGAGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAG 195

Qy        691 GCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTG 750
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        194 GCTCTCTTCTGGACAAACACACCCTCCCAGCCCCCAGGGCTGTGCAAACACATGCCCCTG 135

Qy        751 CCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTA 810
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        134 CCATAAGCACCAACAAGAACTTCTTGCAGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTA 75

Qy        811 CAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCATTATAAATAAAGA 870
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         74 CAGATACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTTGCATTATAAATAAAGA 15

Qy        871 TCCTCTGTAAC 881
              ||||||||||||
Db         14 TCCTCTGTAAC 4
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RESULT 12
US-10-302-689A-6733
; Sequence 6733, Application US/10302689A
; Publication No. US20080050393A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Asundi, Vinod
; APPLICANT: Ballinger, Dennis
; APPLICANT: Labat, Ivan
; APPLICANT: Leshkowitz, Dena
; APPLICANT: Liu, Jin
; APPLICANT: Loeb, Deborah
; APPLICANT: Montgomery, Julia, R.
; APPLICANT: Pace, Ann M.
; APPLICANT: Sheridan, James P.
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 502CIP
; CURRENT APPLICATION NUMBER: US/10/302,689A
; CURRENT FILING DATE: 2002-11-22

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;  PRIOR APPLICATION NUMBER: 10/273,573
;  PRIOR FILING DATE: 2002-10-18
;  PRIOR APPLICATION NUMBER: 10/084,643
;  PRIOR FILING DATE: 2002-02-26
;  PRIOR APPLICATION NUMBER: 09/989,660
;  PRIOR FILING DATE: 2001-11-21
;  PRIOR APPLICATION NUMBER: 10/014,487
;  PRIOR FILING DATE: 2001-11-08
;  PRIOR APPLICATION NUMBER: 09/952,981
;  PRIOR FILING DATE: 2001-09-14
;  PRIOR APPLICATION NUMBER: 09/922,279
;  PRIOR FILING DATE: 2001-08-03
;  PRIOR APPLICATION NUMBER: 09/905,059
;  PRIOR FILING DATE: 2001-07-12
;  PRIOR APPLICATION NUMBER: 09/898,888
;  PRIOR FILING DATE: 2001-07-03
;  PRIOR APPLICATION NUMBER: 09/919,002
;  PRIOR FILING DATE: 2001-07-30
;  PRIOR APPLICATION NUMBER: 09/770,160
;  PRIOR FILING DATE: 2001-01-26
;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 158931
;  SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 6733
;   LENGTH: 601
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-302-689A-6733

  Query Match             66.3%;  Score 584;  DB 19;  Length 601;
  Best Local Similarity   100.0%;  Pred. No. 1.1e-157;
  Matches  584;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        298 ACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCG 357
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 ACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCG 60

Qy        358 TGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGC 417
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 TGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGC 120

Qy        418 TGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGT 477
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 TGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGT 180

Qy        478 GTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGC 537
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 GTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGC 240

Qy        538 AGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGA 597
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 AGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGA 300

Qy        598 GTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCG 657
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCG 360
```

```
Qy        658 CCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCC 717
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 CCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCC 420

Qy        718 CAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGC 777
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 CAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGC 480

Qy        778 AGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGA 837
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 AGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGA 540

Qy        838 TTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
              |||||||||||||||||||||||||||||||||||||||||||
Db        541 TTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 584
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RESULT 13
US-10-302-689A-48447
; Sequence 48447, Application US/10302689A
; Publication No. US20080050393A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Asundi, Vinod
; APPLICANT: Ballinger, Dennis
; APPLICANT: Labat, Ivan
; APPLICANT: Leshkowitz, Dena
; APPLICANT: Liu, Jin
; APPLICANT: Loeb, Deborah
; APPLICANT: Montgomery, Julia, R.
; APPLICANT: Pace, Ann M.
; APPLICANT: Sheridan, James P.
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 502CIP
; CURRENT APPLICATION NUMBER: US/10/302,689A
; CURRENT FILING DATE: 2002-11-22
; PRIOR APPLICATION NUMBER: 10/273,573
; PRIOR FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: 10/084,643
; PRIOR FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: 09/989,660
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 10/014,487
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: 09/952,981
; PRIOR FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: 09/922,279
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 09/905,059
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 09/898,888
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/919,002
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/770,160
; PRIOR FILING DATE: 2001-01-26

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;  Remaining Prior Application data removed - See File Wrapper or PALM.
;  NUMBER OF SEQ ID NOS: 158931
;  SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 48447
;   LENGTH: 601
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-302-689A-48447

  Query Match             66.3%;  Score 584;  DB 19;  Length 601;
  Best Local Similarity   100.0%;  Pred. No. 1.1e-157;
  Matches  584;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        298 ACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCG 357
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 ACGGGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCG 60

Qy        358 TGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGC 417
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 TGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGC 120

Qy        418 TGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGT 477
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 TGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCCTGGAGCAGGT 180

Qy        478 GTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGC 537
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 GTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGAGAGACGTGGC 240

Qy        538 AGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGA 597
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 AGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAGGCCCCGCTGA 300

Qy        598 GTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCG 657
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        301 GTGGACCGGACCTCTGACACCTCCAGGTTCTTGCTGACTCCGGCCTGGTGAAAGGGAGCG 360

Qy        658 CCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCC 717
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        361 CCATGGTCCTGGCTGTTGGGGTCCCAGGGAGAGGCTCTCTTCTGGACAAACACACCCTCC 420

Qy        718 CAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGC 777
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        421 CAGCCCCCAGGGCTGTGCAAACACATGCCCCTGCCATAAGCACCAACAAGAACTTCTTGC 480

Qy        778 AGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGA 837
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        481 AGGTGGAGTGGCTGTTTTTTATAAGTTGTTTTACAGATACGGAAACAGTCCAAAATGGGA 540

Qy        838 TTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 881
              |||||||||||||||||||||||||||||||||||||||||||
Db        541 TTTATAATTTCTTTTTTGCATTATAAATAAAGATCCTCTGTAAC 584


RESULT 14
US-11-996-839-168
; Sequence 168, Application US/11996839
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; Publication No. US20090012024A1
; GENERAL INFORMATION:
; APPLICANT: Procure Therapeutics Limited
; TITLE OF INVENTION: Stem Cell Specific Markers
; FILE REFERENCE: P110830WO
; CURRENT APPLICATION NUMBER: US/11/996,839
; CURRENT FILING DATE: 2008-09-11
; PRIOR APPLICATION NUMBER: 0515305.1
; PRIOR FILING DATE: 2005-07-26
; NUMBER OF SEQ ID NOS: 452
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 168
; LENGTH: 447
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-996-839-168

Query Match 49.1%; Score 433; DB 33; Length 447;
Best Local Similarity 100.0%; Pred. No. 4.7e-114;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         15 GGGCCATGACCCCCGCTGCTCTGTCTTGCAGGCTCGTCGCCGCGGCCCCCCGAGCCCGAC 74

Qy         61 CGCCGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGC 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         75 CGCCGCCGCCACCACCACCAGCGCCCGGGCGGGCCTCGCGCGCCTCGGGCGCGGCTCCGC 134

Qy        121 AGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCC 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        135 AGTGAGCCCACCAAGAAGGAAGCGGCCTGCAGAGGTGCCGACATGGGGCTTAAGATGTCC 194

Qy        181 TGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAGGCCCCC 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        195 TGCCTGAAAGGCTTTCAAATGTGTGTCAGCAGCAGCAGCAGCAGCCACGACGAGGCCCCC 254

Qy        241 GTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACCCCCACG 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        255 GTCCTGAACGACAAGCACCTGGACGTGCCCGACATCATCATCACGCCCCCCACCCCCACG 314

Qy        301 GGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCGTGC 360
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        315 GGCATGATGCTGCCGAGGGACTTGGGGAGCACAGTCTGGCTGGATGAGACAGGGTCGTGC 374

Qy        361 CCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGCTGG 420
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        375 CCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGGTTTGGCTGGCTGG 434

Qy        421 CTCCTGCTCCAGC 433
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Db        435 CTCCTGCTCCAGC 447
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RESULT 15
US-09-954-456-566
; Sequence 566, Application US/09954456

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; Patent No. US20020115057A1
; GENERAL INFORMATION:
;  APPLICANT: Young, Paul
;  TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cancer
Gene
;  TITLE OF INVENTION:  Sets
;  FILE REFERENCE: 689290-76
;  CURRENT APPLICATION NUMBER: US/09/954,456
;  CURRENT FILING DATE:  2001-09-18
;  PRIOR APPLICATION NUMBER: US/60/233,617
;  PRIOR FILING DATE: 2000-09-18
;  PRIOR APPLICATION NUMBER: US/60/234,052
;  PRIOR FILING DATE: 2000-09-20
;  PRIOR APPLICATION NUMBER: US/60/234,923
;  PRIOR FILING DATE: 2000-09-25
;  PRIOR APPLICATION NUMBER: US/60/235,134
;  PRIOR FILING DATE: 2000-09-25
;  PRIOR APPLICATION NUMBER: US/60/235,637
;  PRIOR FILING DATE: 2000-09-26
;  PRIOR APPLICATION NUMBER: US/60/235,638
;  PRIOR FILING DATE: 2000-09-26
;  PRIOR APPLICATION NUMBER: US/60/235,711
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: US/60/235,720
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: US/60/235,840
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: US/60/235,863
;  PRIOR FILING DATE: 2000-09-27
;  NUMBER OF SEQ ID NOS: 2276
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 566
;   LENGTH: 574
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   OTHER INFORMATION: n=a,t,g or c
US-09-954-456-566

  Query Match             41.7%;  Score 367;  DB 3;  Length 574;
  Best Local Similarity   88.8%;  Pred. No. 6.5e-95;
  Matches  491;  Conservative    0;  Mismatches   42;  Indels   20;  Gaps    8;

Qy        348 GACAGGGTCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGG 407
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          7 GACAGGGTCGTGCCCAGATGATGGAGAAATCGACCCAGAAGCCTGAGGAGGTGTCCTGGG 66

Qy        408 TTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCC 467
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         67 TTTGGCTGGCTGGCTCCTGCTCCAGCGGCCCGGCTTCAGGTGTCCGGGGGCGTGGCTGCC 126

Qy        468 TGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGA 527
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        127 TGGAGCAGGTGTGCTGAATACCCTGGATGGGAACTGAGCGAACCCGGGCCTCCGCTCAGA 186

Qy        528 GAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAG 587
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                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         187 GAGACGTGGCAGGACCAGCGAGGAATCCAGCCTGTCCACTTCCAGAACAGTGTTTCCCAN 246

Qy         588 GCCCCGCTGAGTGGACCGGACCTCTGACACCTCC-AGGTTCTTGCTGACTCCGGCCTGGT 646
                |||||||| |||||||||||||||||||||||| |||||||||||||||||||||||||
Db         247 GCCCCGCTNAGTGGACCGGACCTCTGACACCTCCAAGGTTCTTGCTGACTCCGGCCTGGT 306

Qy         647 GAAAGGG-AGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGA--GAGGCTCTCTTCT-GG 702
                ||||||| ||||||||||||||||||||||||||||||||   |||||||||||| ||
Db         307 GAAAGGGAAGCGCCATGGTCCTGGCTGTTGGGGTCCCAGGGAAGAAGGCTCTCTTCTNGG 366

Qy         703 ACAAACACACCCTCCCAGCCCCCAGGGCTGT---GCAAACACATGCCCCTGCCATAAGCA 759
                |||||||||||||||||||||||||||||     | |||    ||| ||||||||
Db         367 ACAAACACACCCTCCCAGCCCCCAGGGCTGTTGCAAACACATTGCCCCTTGCCATAAAGC 426

Qy         760 CCAACAAGAACTTCTTGCAGGTGGAGTG---------GCTGTTTTTTATAAGTTGTTTTA 810
                 | | |  ||   |||    |  | |||         | | |||  || |  ||||||||
Db         427 ACCAAACAAAGAACTTCTTTGCAGGGTGGAGTGGGCTGTTTTTTAATAAAGTTTGTTTTA 486

Qy         811 CAGA-TACGGAAACAGTCCAAAATGGGATTTATAATTTCTTTTTT--GCATTATAAATAA 867
                |||| ||||||||||| |||||||||||||||||||||||||     | ||||||||
Db         487 CAGATTACGGAAACAGTTCAAAATGGGATTTATAATTTCTTTTTTTGCATTAATAAATAA 546

Qy         868 AGATCCTCTGTAA 880
                |||||||||||
Db         547 AGATCCTCTGTTA 559


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Job time : 5675 secs
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